
Publications

Aliphatic and Related Natural Product Chemistry, Vol. 1., Edited by F.D. Gunstone, The Chemical Society, 1979, 292 p., \$55.00.

This title and its companion "General and Synthetic Methods" take the place of the Specialist Periodical Reports entitled "Aliphatic Chemistry," also published by The Chemical Society, London. This first volume is an excellent successor to an extremely useful series, and we trust that the high standards of Vol. 1 will be maintained in the future. The Senior Reporter has done an outstanding job of organizing the volume and each of the individual reporters also deserves much credit. The current volume consists of eight chapters: Natural Acetylenic and Olefinic Compounds (V. Thaller); Marine aliphatic Natural Products (R.E. Moore); Acyclic Terpenoids (D.H. Grayson); Insect Pheromones (R.A. Baker and D.A. Evans); Olefinic Microbial Metabolites, including Macrocyclic Compounds (R.C.F. Jones); Prostaglandins (P.R. Marsham); Fatty Acids (F.D. Gunstone); and Lipids (A.K. Lough). This volume will be extremely useful to lipid chemists interested in synthesis as well as many other areas of aliphatic lipid chemistry. The volume contains many references and should provide an excellent start for anyone initiating a research program in any of areas indicated. Every library should have a copy of this book; the high price will probably discourage individual purchasers.

DANIEL SWERN, Ph.D.
Professor of Chemistry
Temple University
Philadelphia, PA 19122

Antioxidants - Recent Developments, M. William Ranney, (Noyes Data Corp., Park Ridge, NJ, 1979, 372 p., \$42).

This volume (Chemical Technology Review No. 127) covers U.S. patents on antioxidants issued since October 1974 and supplements a previous volume "Antioxidants - Synthesis and Applications" published in 1975. The text is organized initially by the matrix in which the antioxidant is used and then subdivided within such headings by antioxidant type. Emphasis is on polyolefin resins; polyester, polycarbonate and polyurethane plastics; elastomers; petroleum products and synthetic lubricants; and food products. The approximately 40 pages on food products considers about 30

patents on nonabsorbable antioxidants, general antioxidants, ascorbic acid compositions, and other processes. Included are relatively straightforward materials such as polystyryl phenols, phenolic-divinylbenzenepolymers, polymeric N-substituted maleimides and polymeric hydroquinones. Other patents include degraded proteins and plant extracts. Many readers will already be familiar with those patents from this period referring to BHA, TBHQ and the fatty esters of substituted hydroquinones.

Patents by the same individual(s) or company on the same topic are brought together and a readable description of the topic is provided. This volume would seem to present the food chemist with a good opportunity to review for possible use the antioxidants developed for other uses.

LLOYD A. WITTING, Ph.D.
Supelco Inc.
Bellefonte, PA 16823

Lipids

DECEMBER 1979

Methyl-Branched Acids of Lamb Fat
GC-MS of Autoxidized Fats
Livers of Choline-Deficient Rats
Dietary *Cis* and *Trans* Fatty Acids
Lipid Composition of Bovine Red Cells
Lipid Peroxidation in vivo Indices
¹³C NMR of Conjugated Trienoic Acid
Phenylalanine Transport
Diet and Plasma Cholesterol
Fatty Acid Synthetase
Lipid-Binding Factor of Linoleate Desaturation

Communications
Hibernation and Fatty Acid Position
Trans Linoleate

Annual Index

Annual Directory of Chemical Producers - Western Europe provides divisional structure, plant locations and products manufactured at each site for more than 3,000 firms; subscription price includes two supplements during the year and free inquiry service. Two volumes, \$600, published by SRI International, 333 Ravenswood Ave., Menlo Park, CA 94025.

People

A.L. Vandergriff, holder of more than 20 patents on cotton ginning machinery, has been named a consultant with The Murray Group of Companies. . . Spencer Kellogg Division of Textron Inc. has announced three promotions: Gordon F. Greer to eastern regional sales manager; Hans M. Hauge to New York district manager; and Anthony J. Gomes to assistant New York district manager. . . David S. Hammond has been named Sharples field sales manager

in the Sharples-Stokes Division of Pennwalt Corporation . . . Fred C. Stroehlein has been appointed technical service and development representative for Emery's Business Groups with responsibilities for plasticizers, resins and lubricants. . . Hans Peter van Houten has been named executive vice-president at Firmenich Inc. . . Procter &

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